

FIG. 1

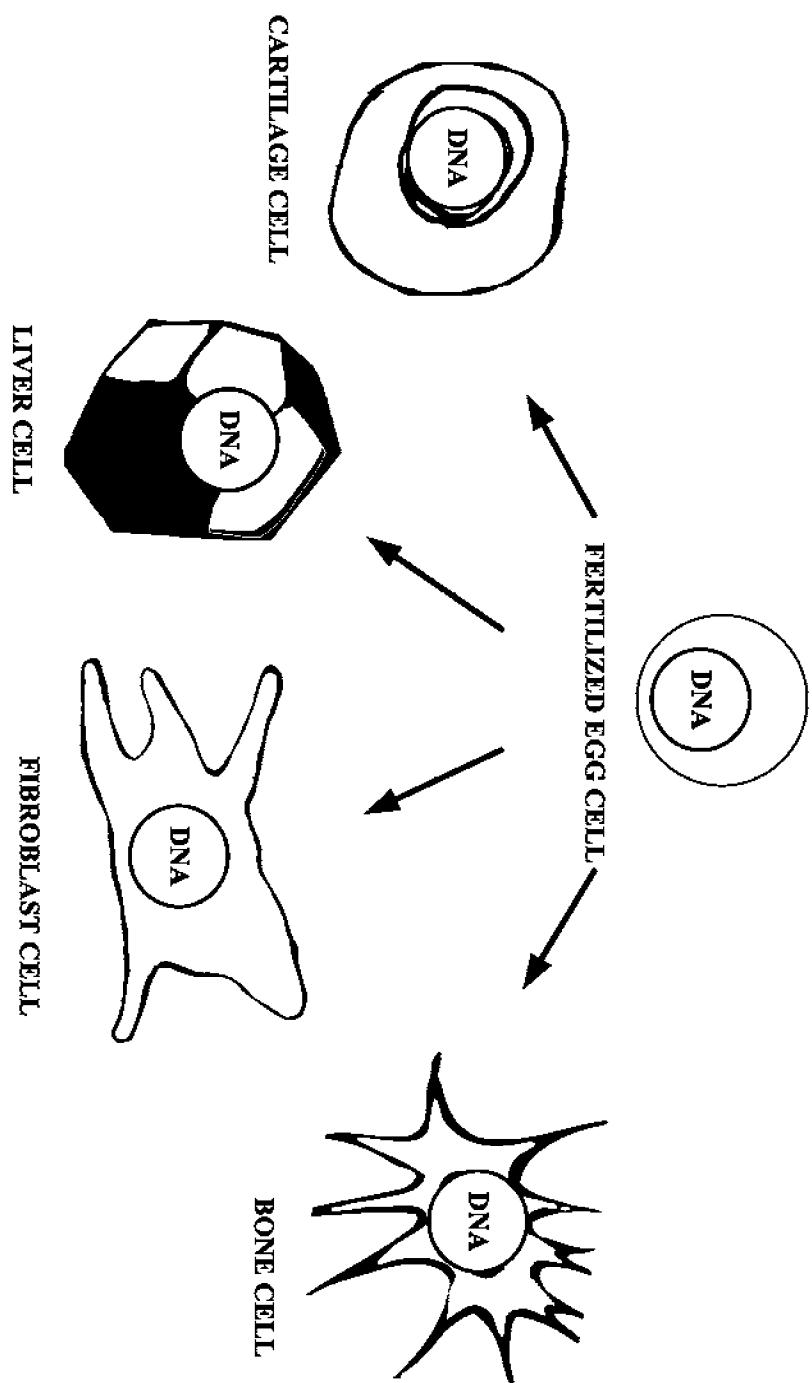


FIG. 2A

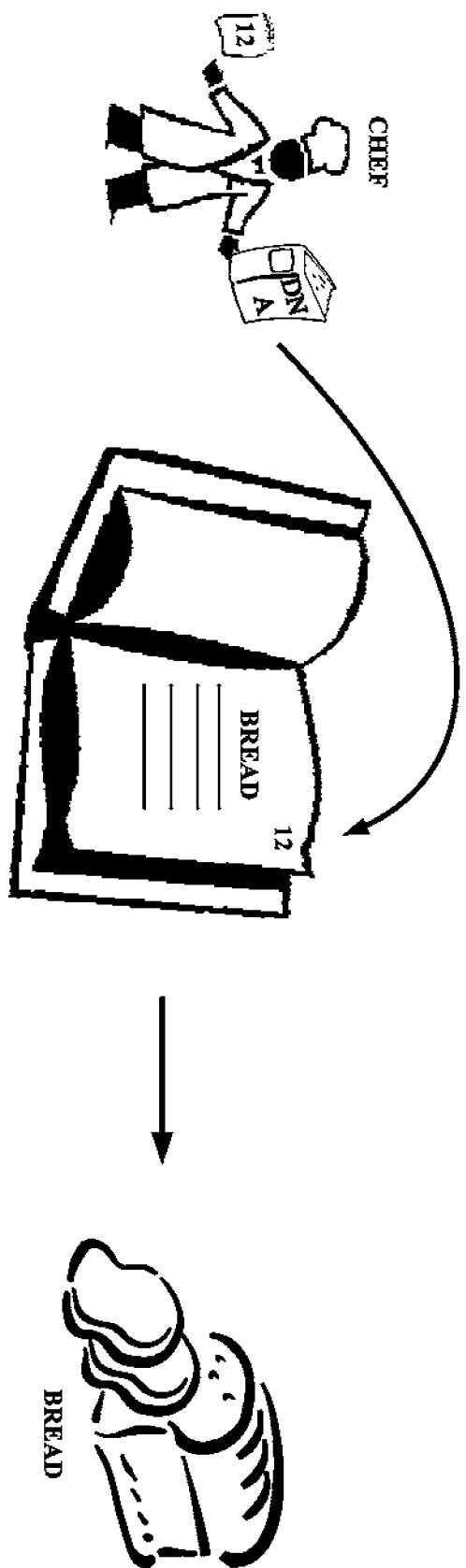


FIG. 2B

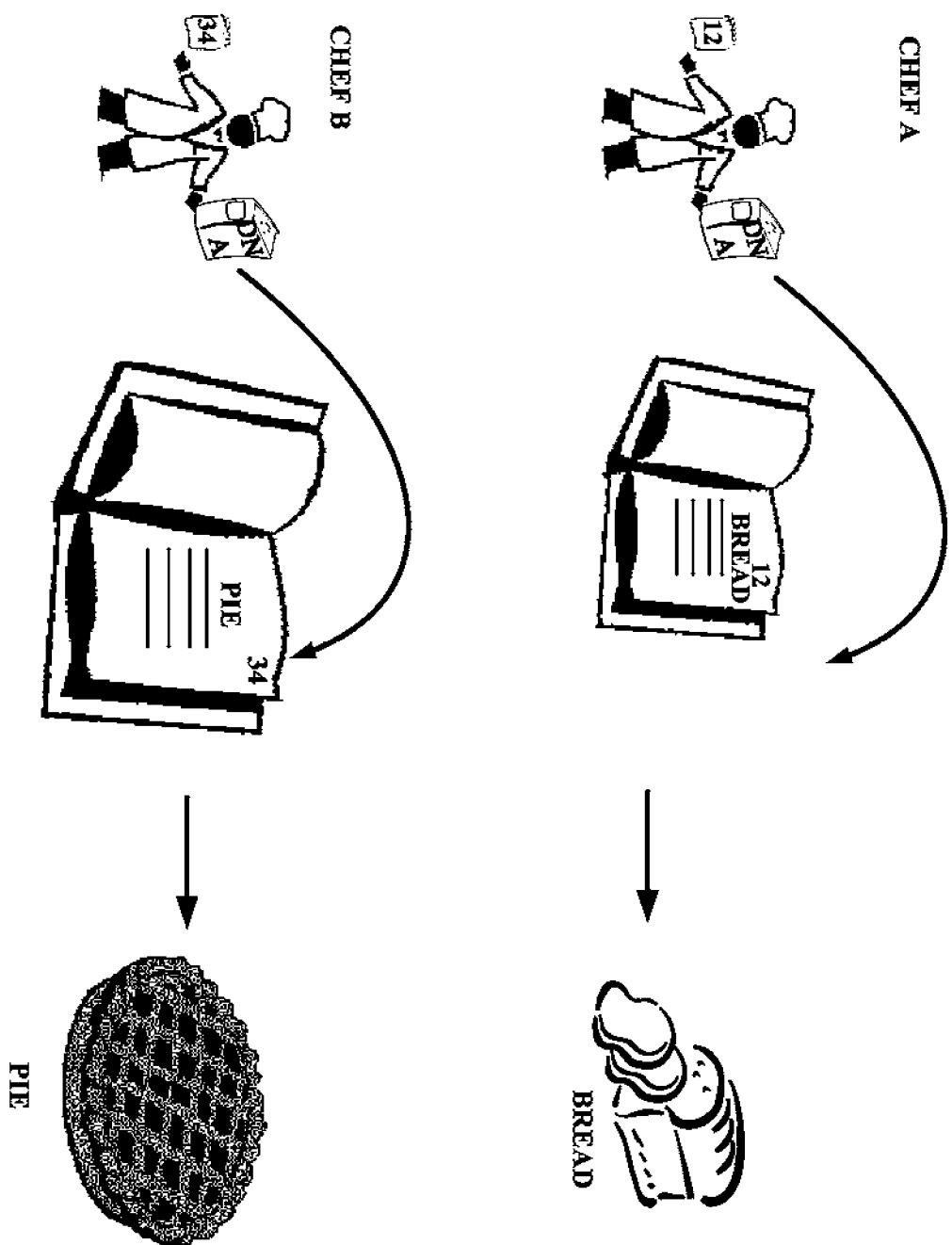


FIG. 3

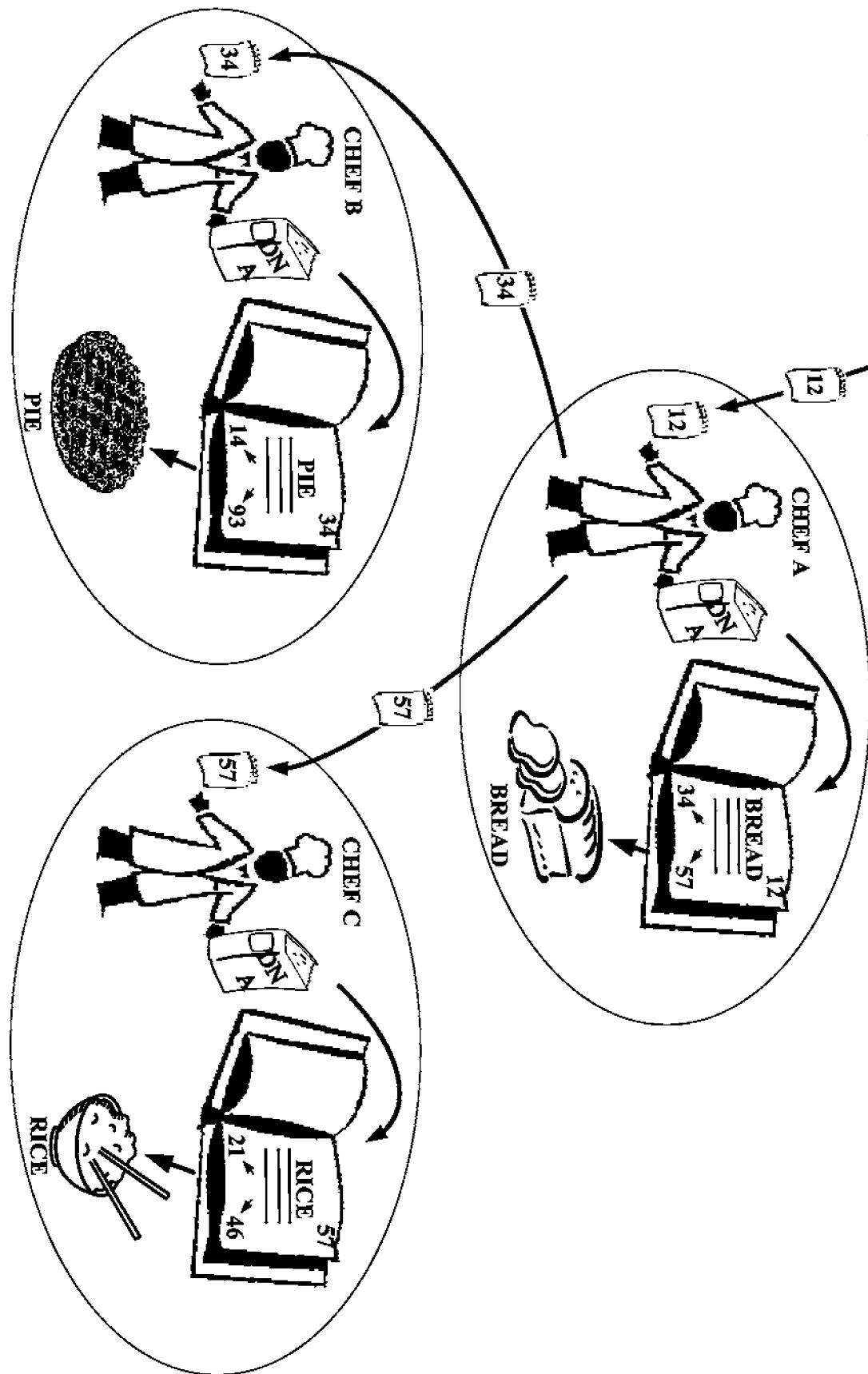


FIG. 4

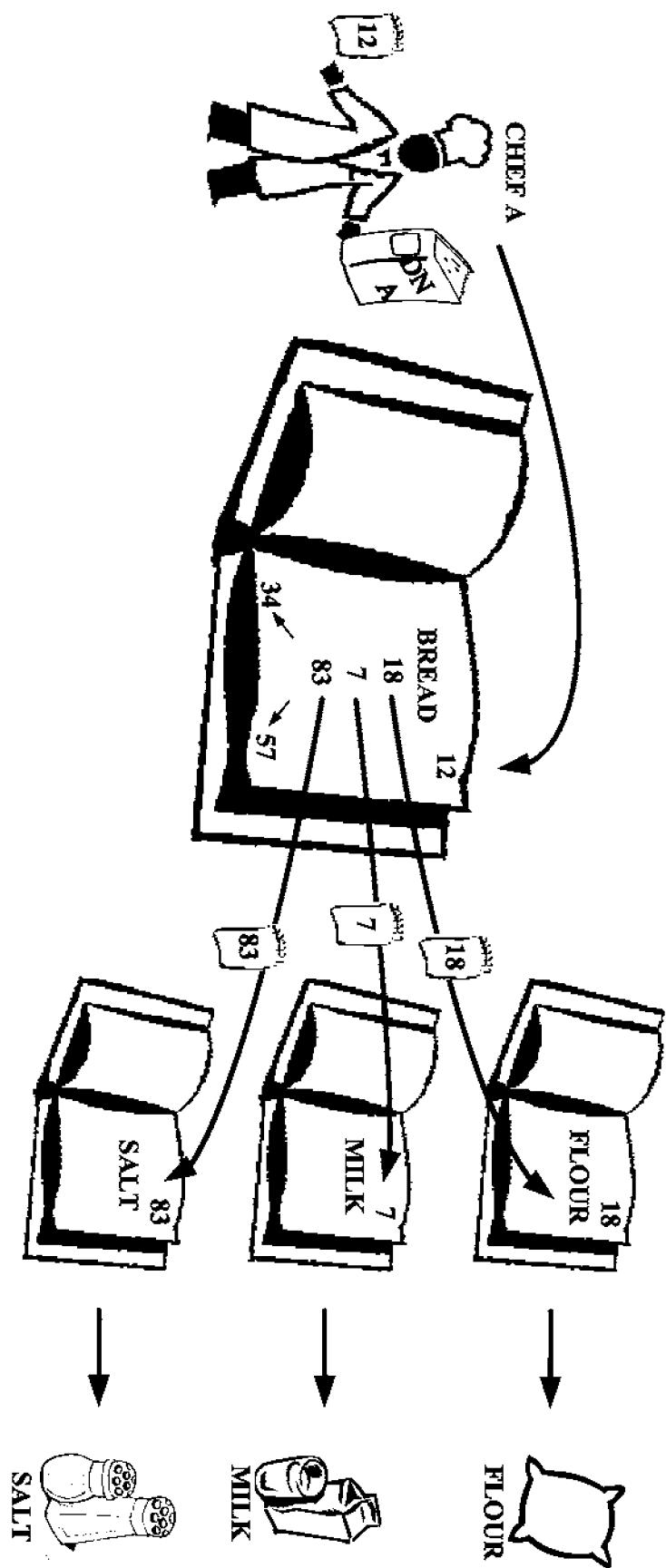


FIG. 5A

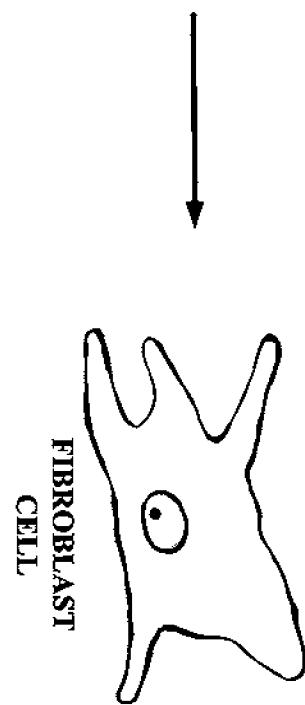
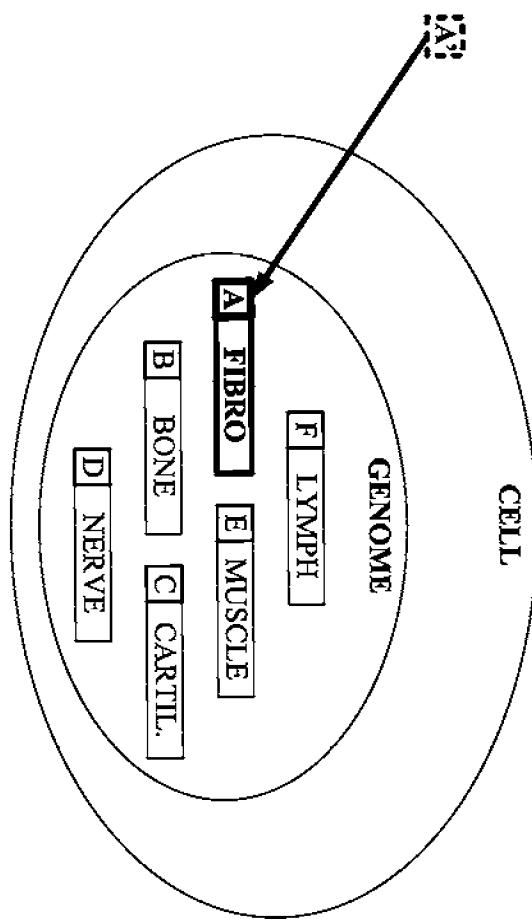


FIG. 5B

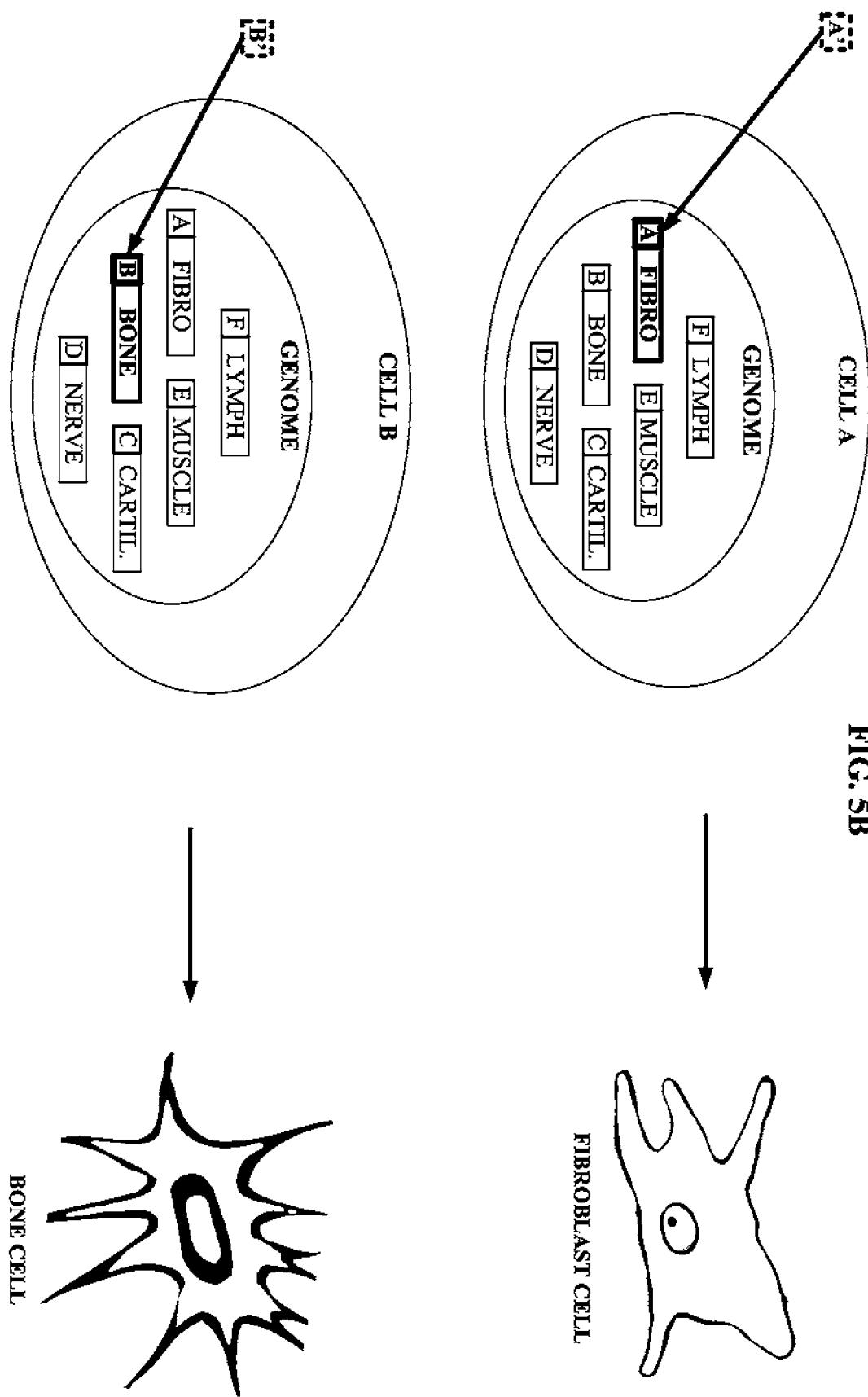
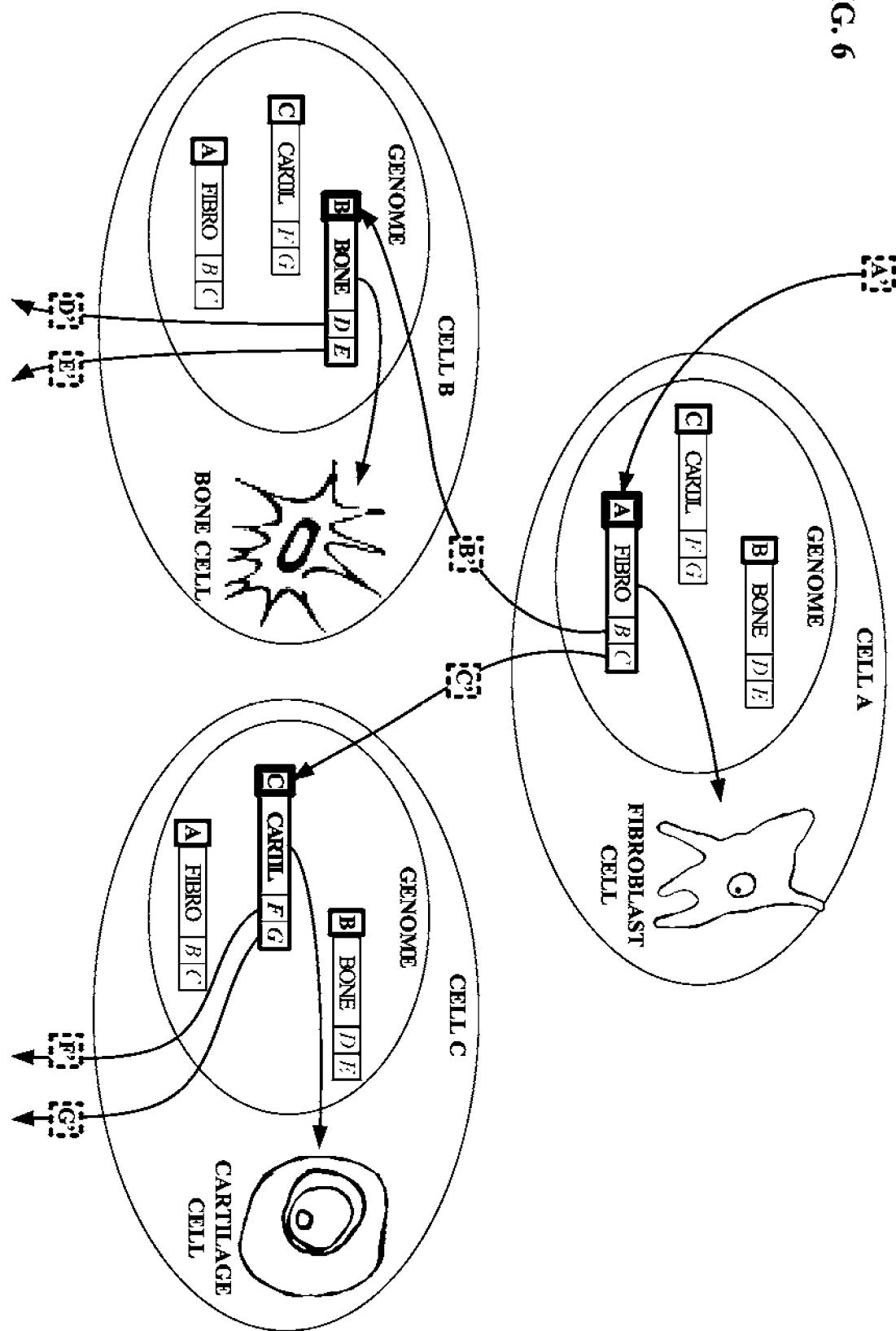


FIG. 6



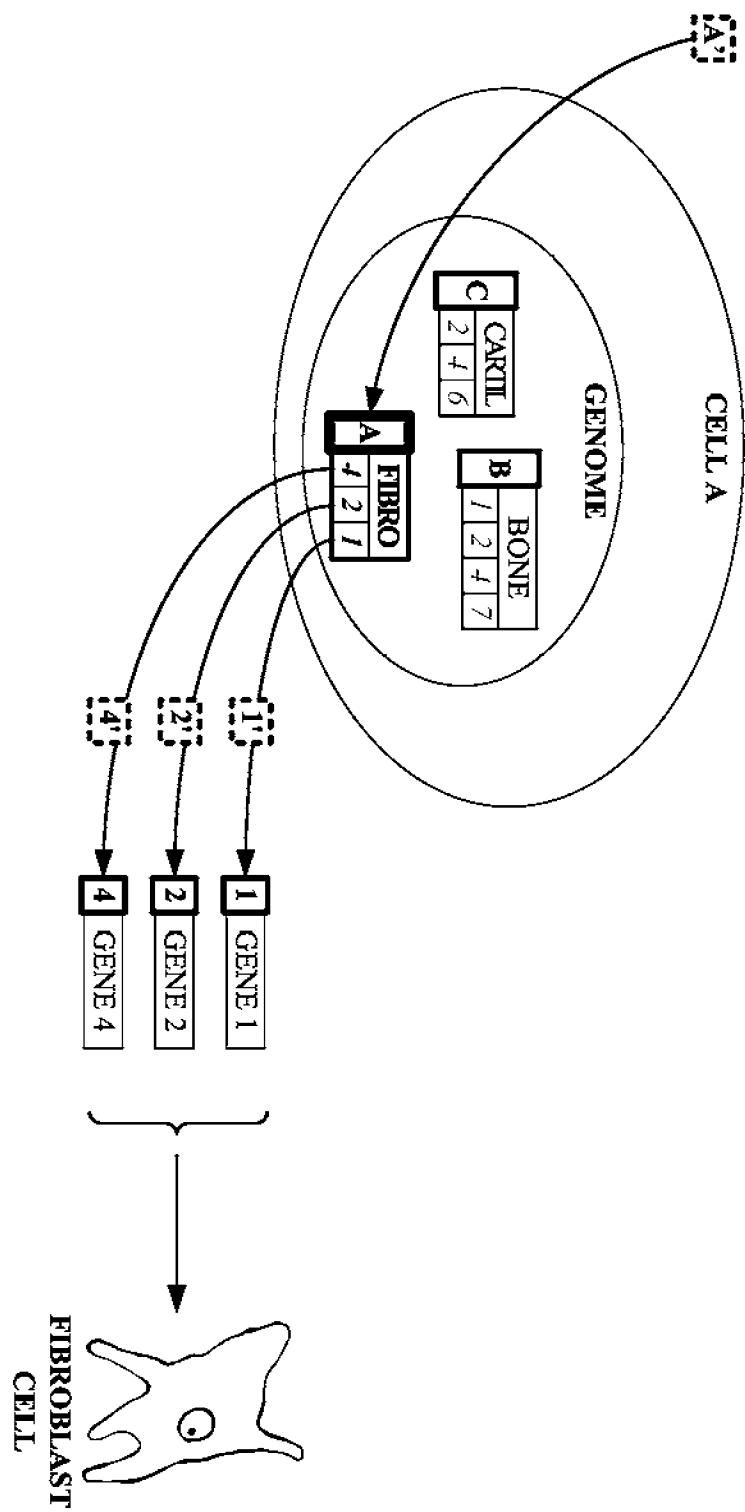


FIG. 7

FIG. 8

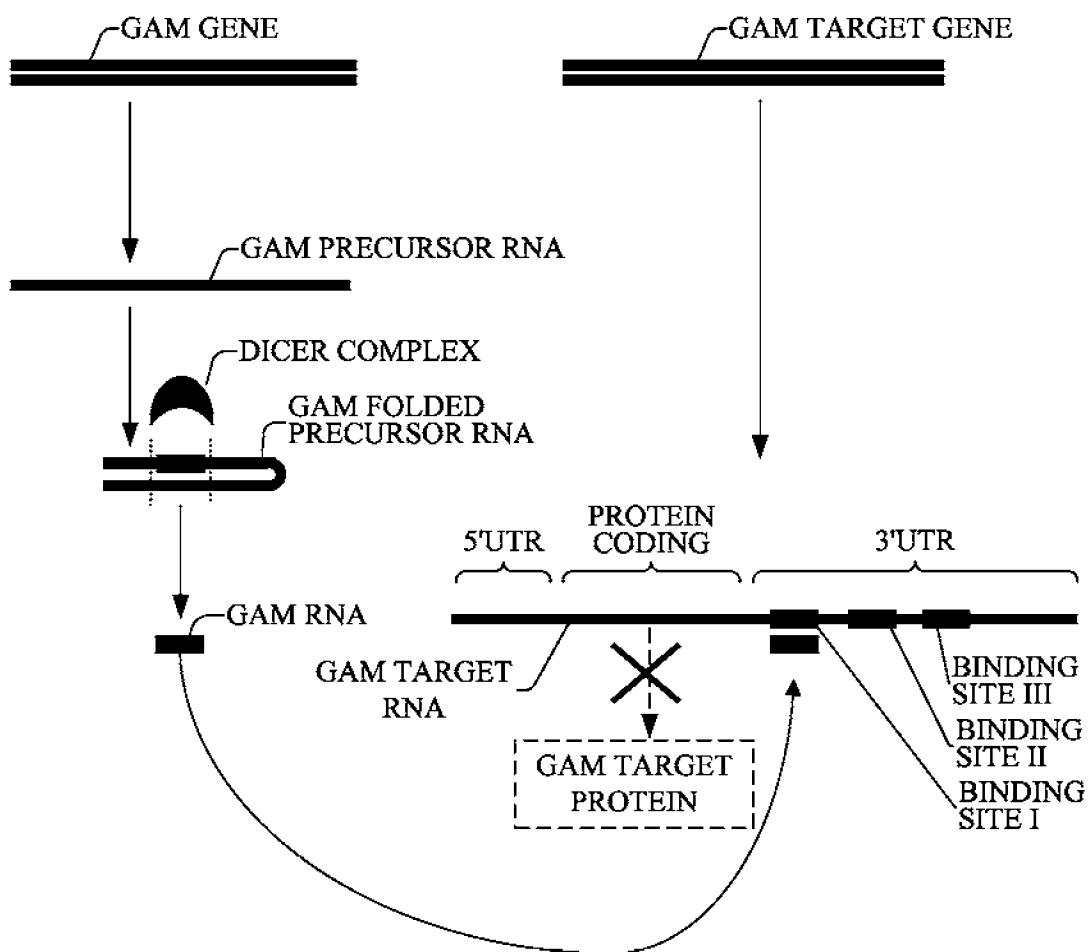


FIG. 9

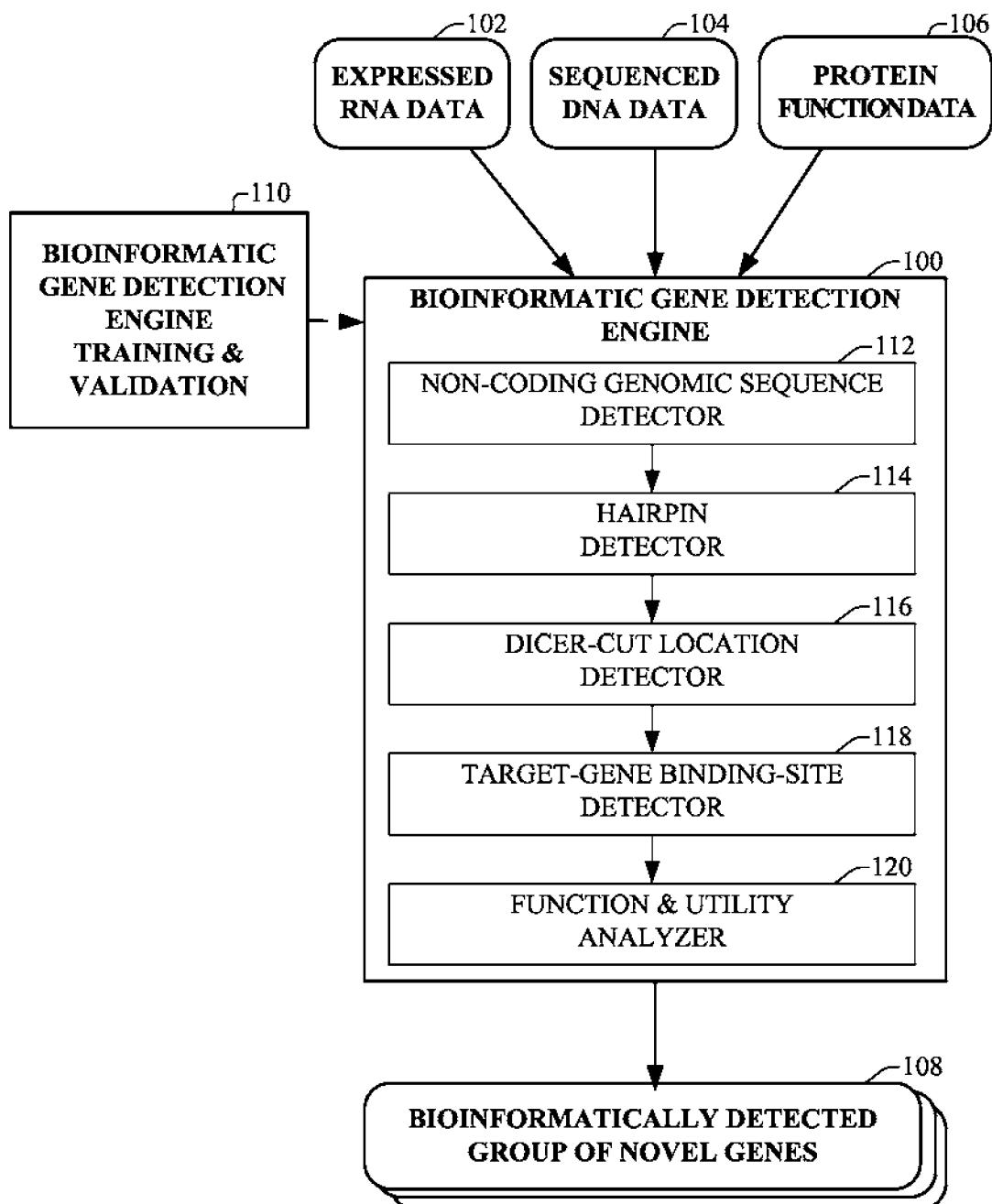


FIG. 10

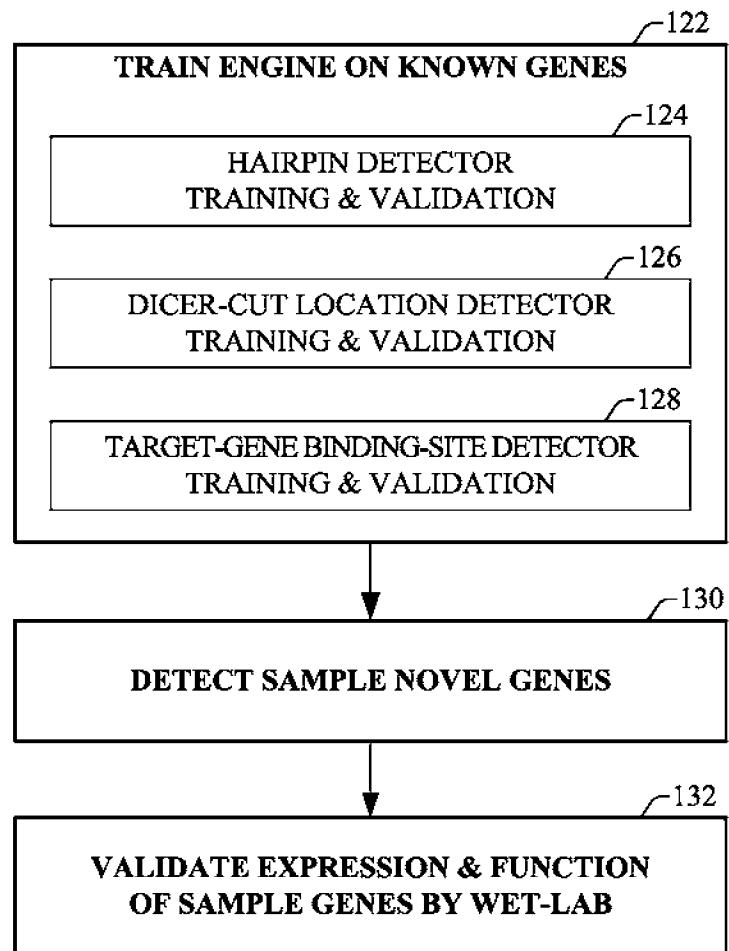


FIG. 11A

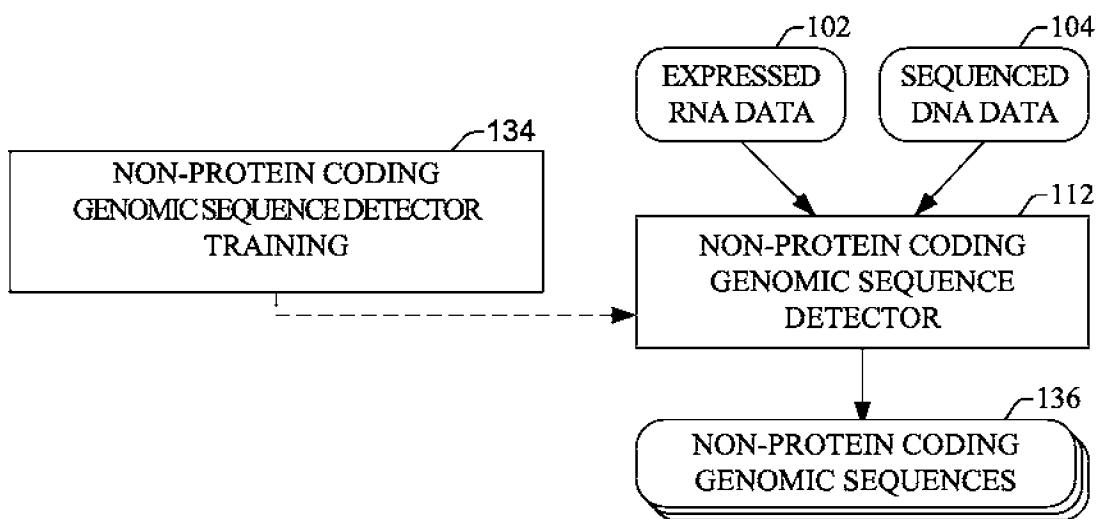


FIG. 11B

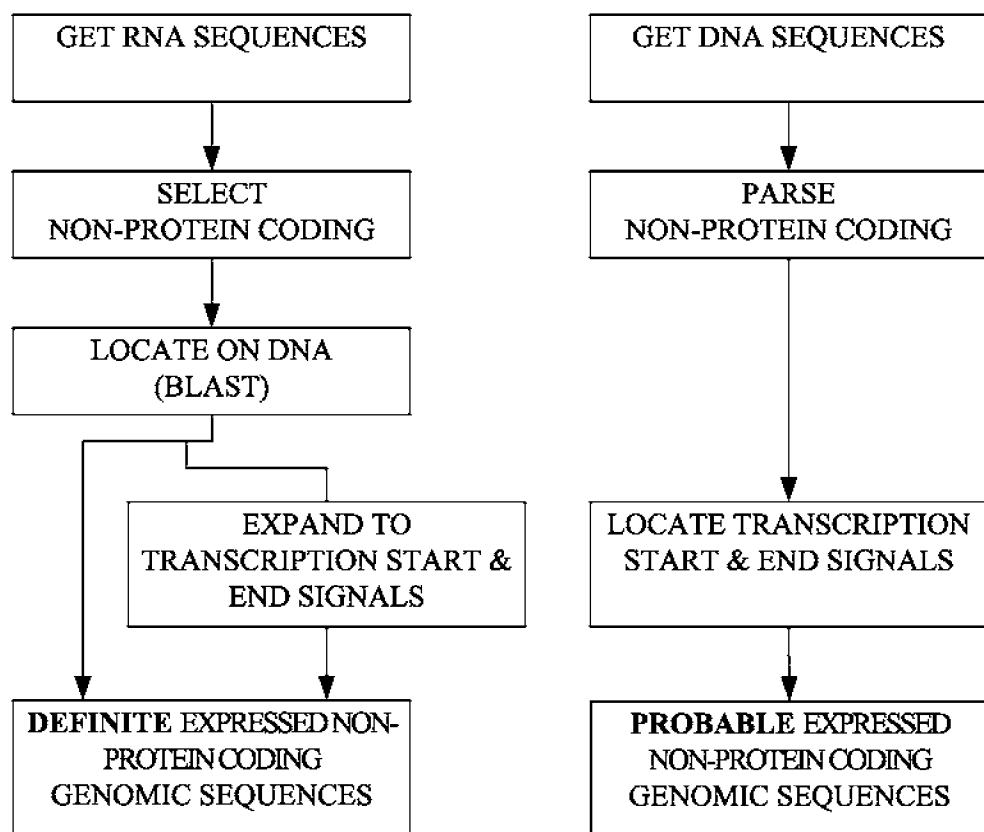


FIG. 12A

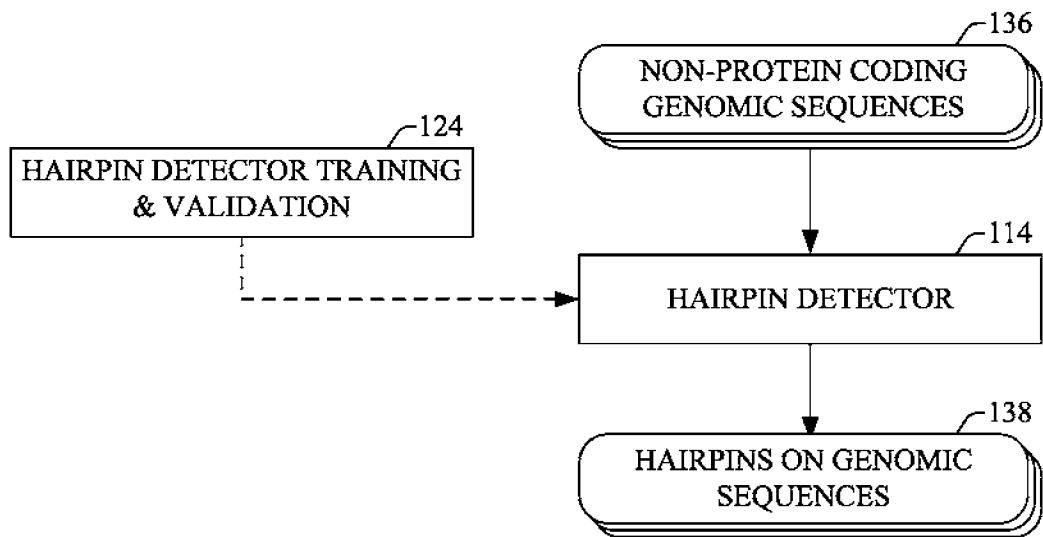


FIG. 12B

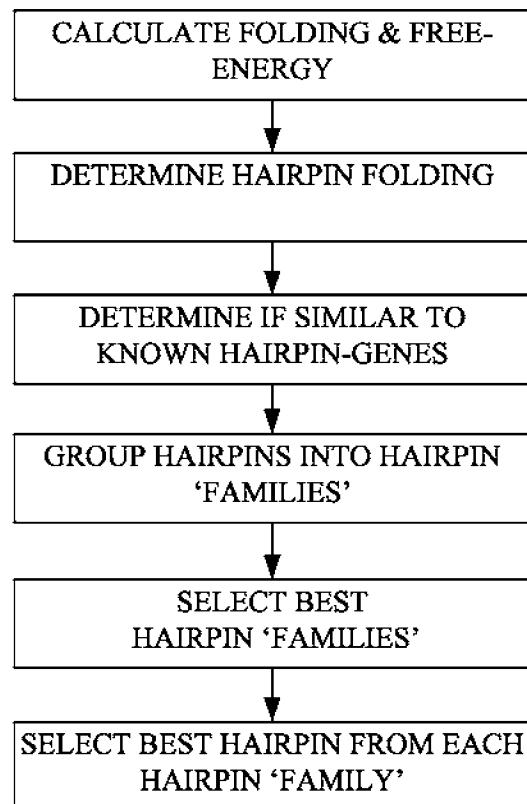


FIG. 13A

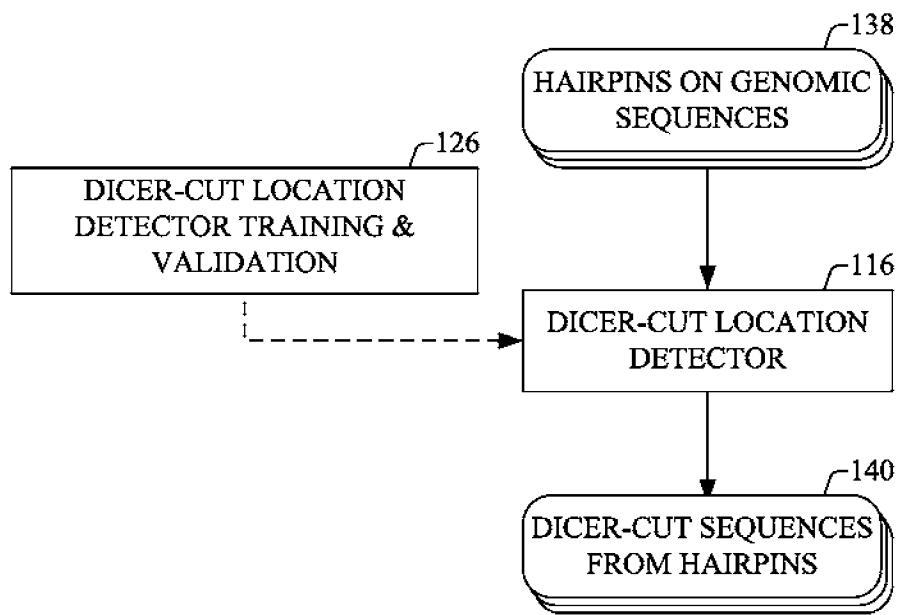


FIG. 13B

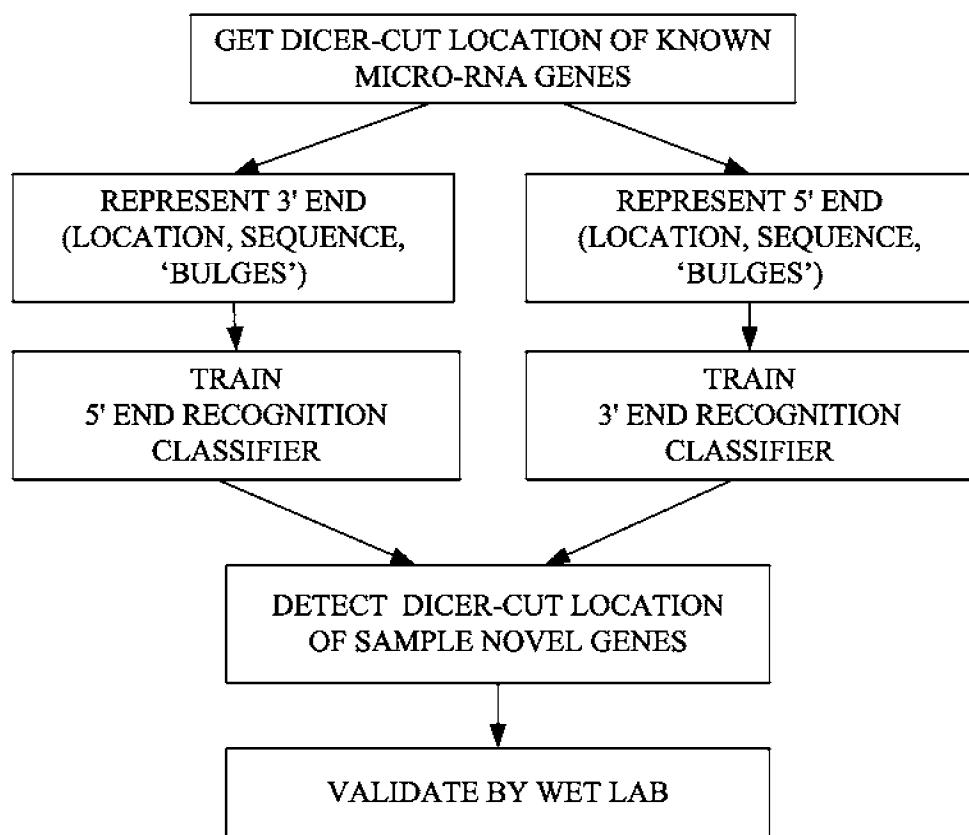


FIG. 13C

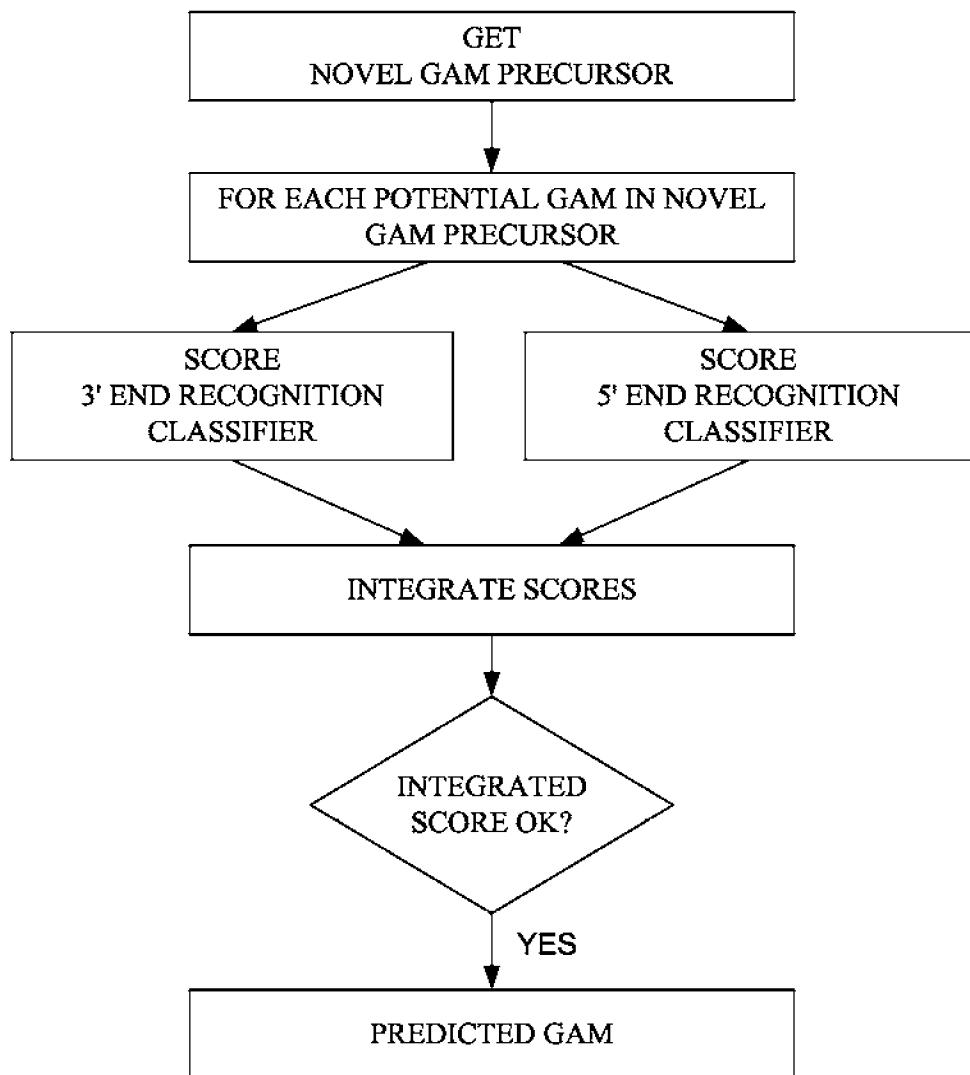


FIG. 14A

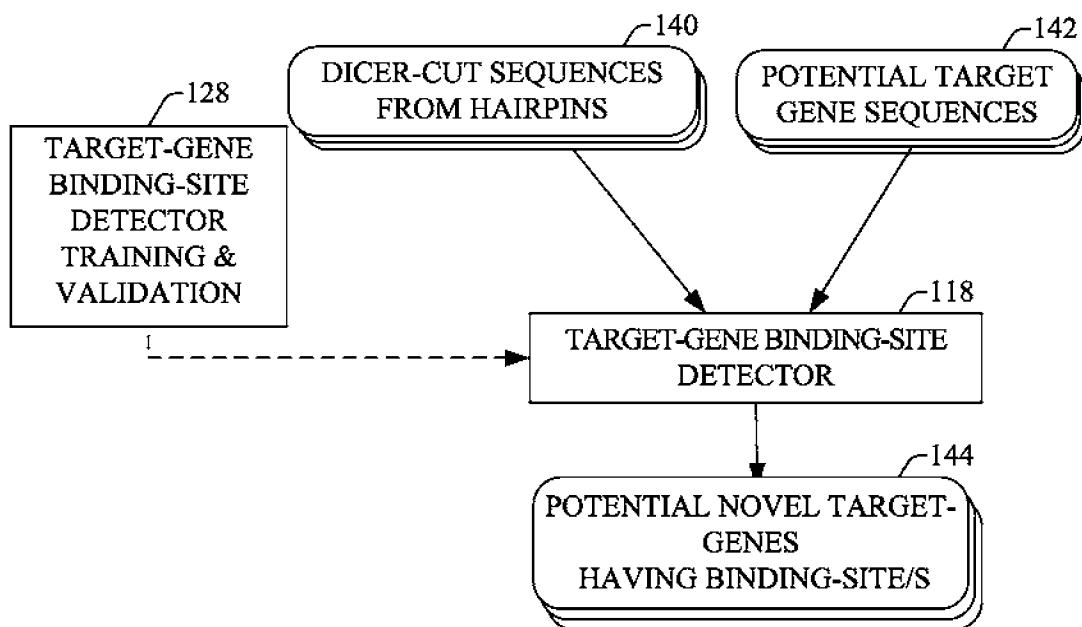


FIG. 14B

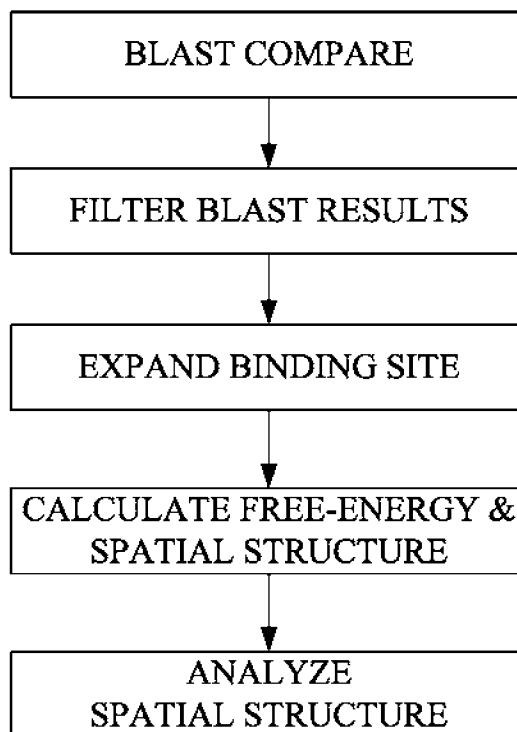


FIG. 15

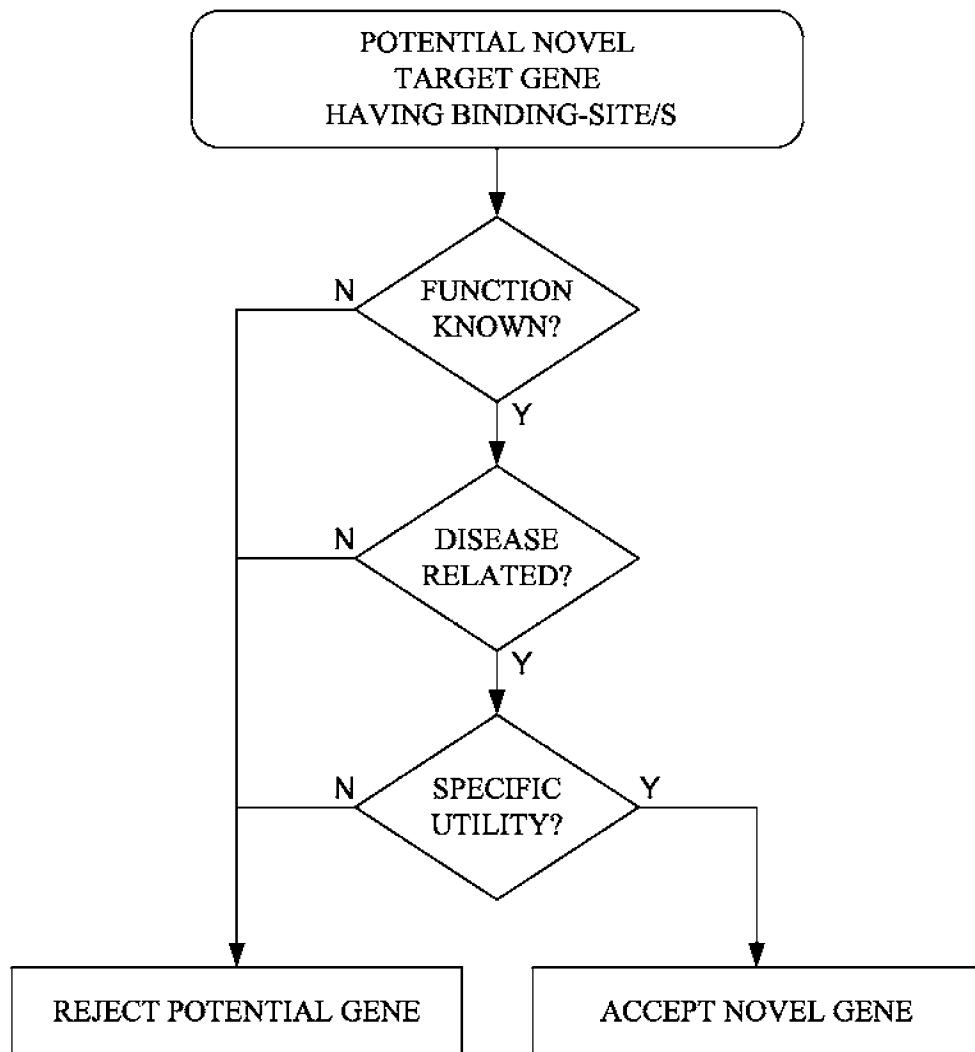


FIG. 16

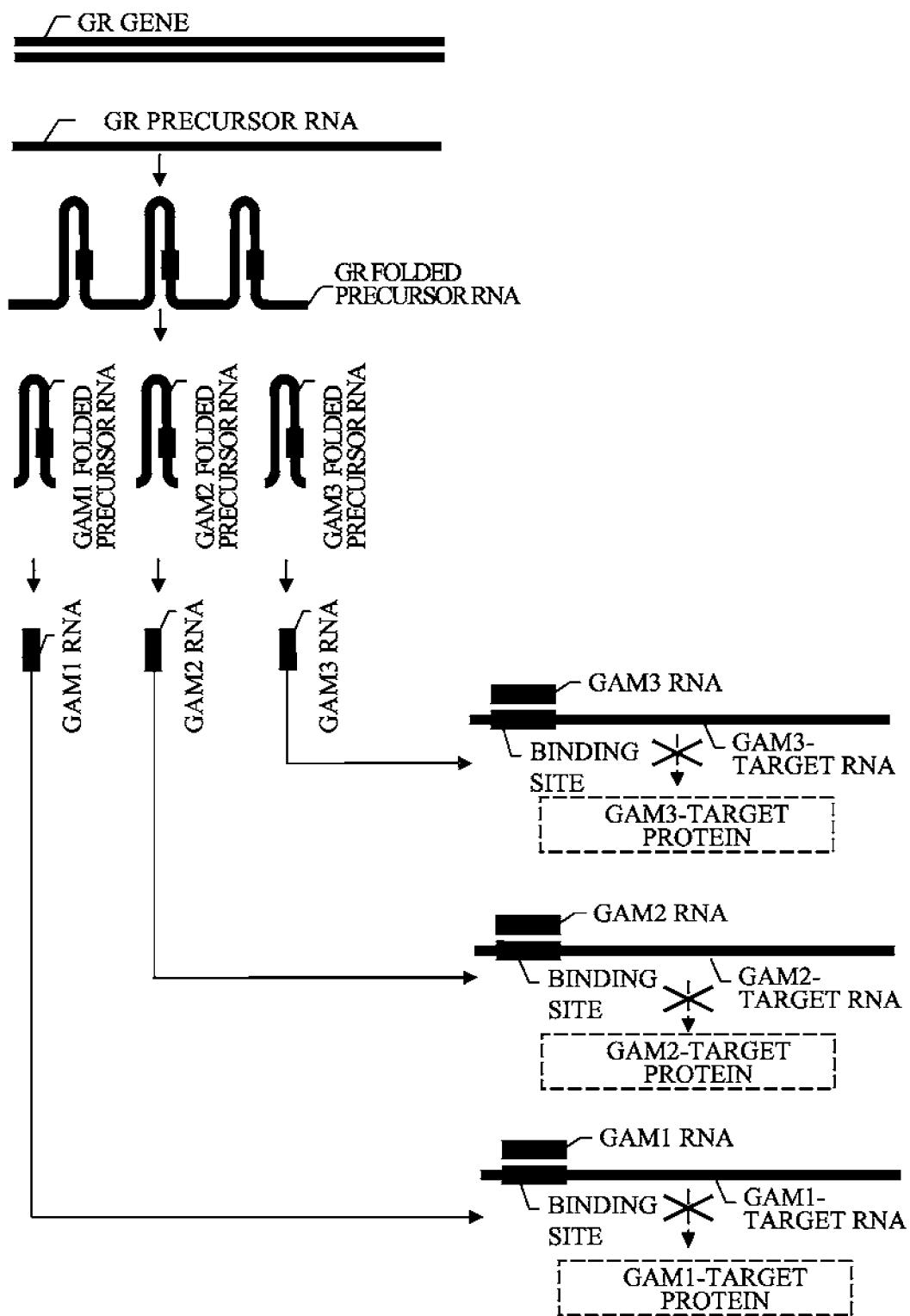


FIG. 17

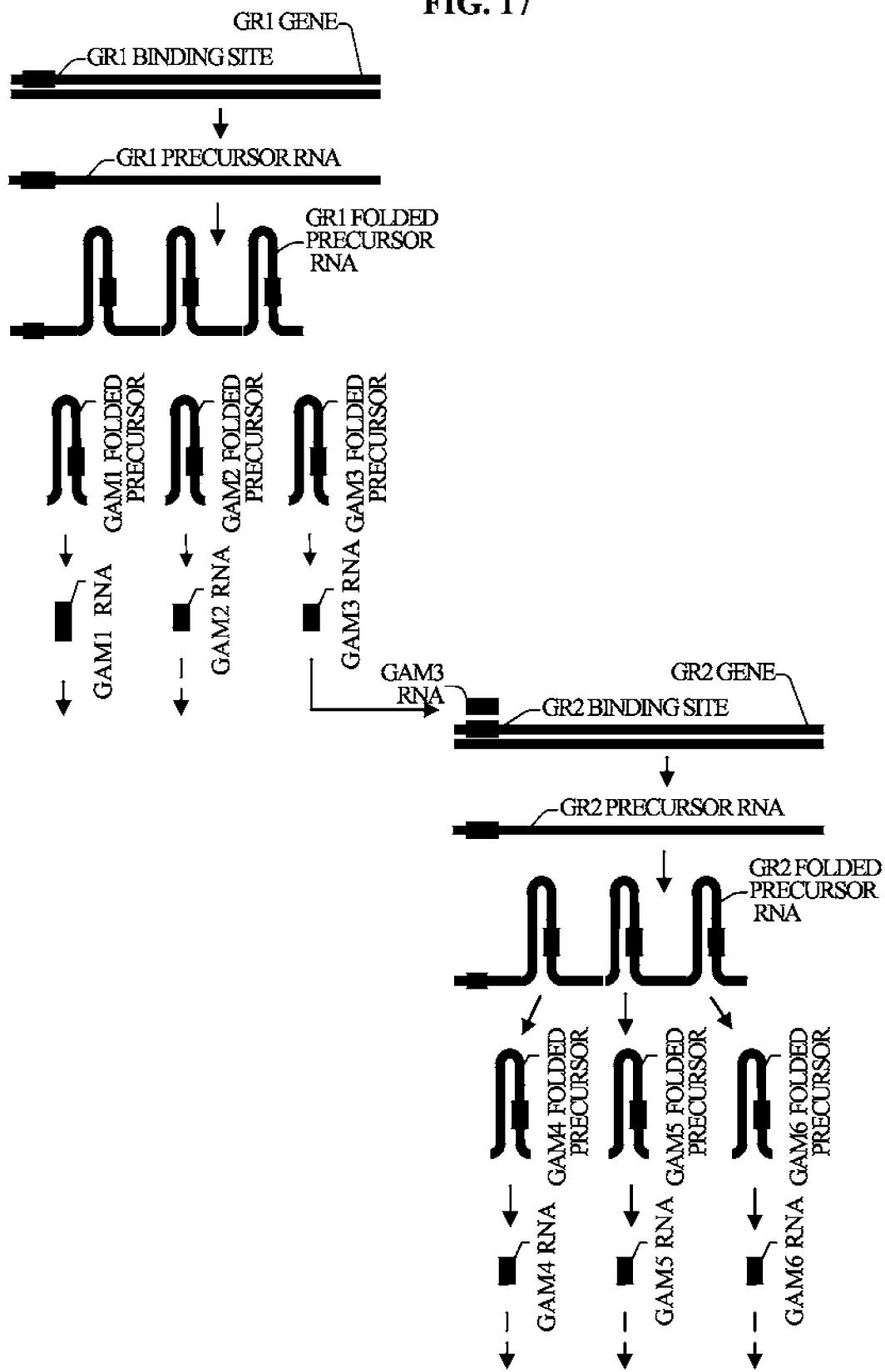


FIG. 18

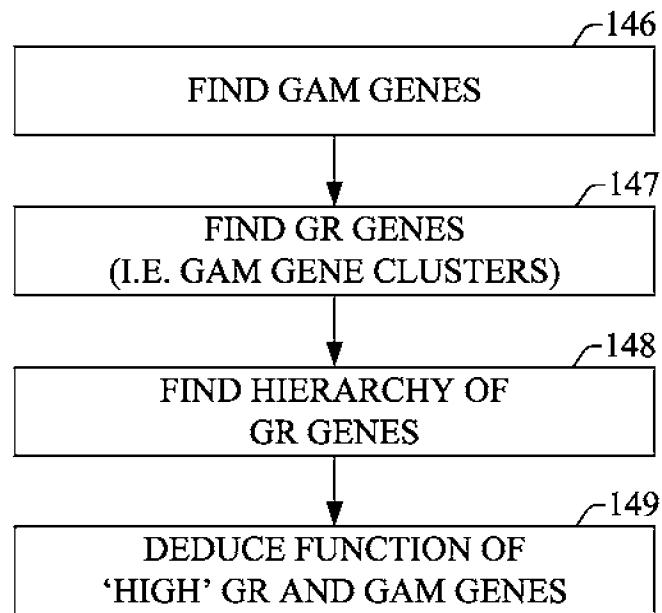


FIG. 19

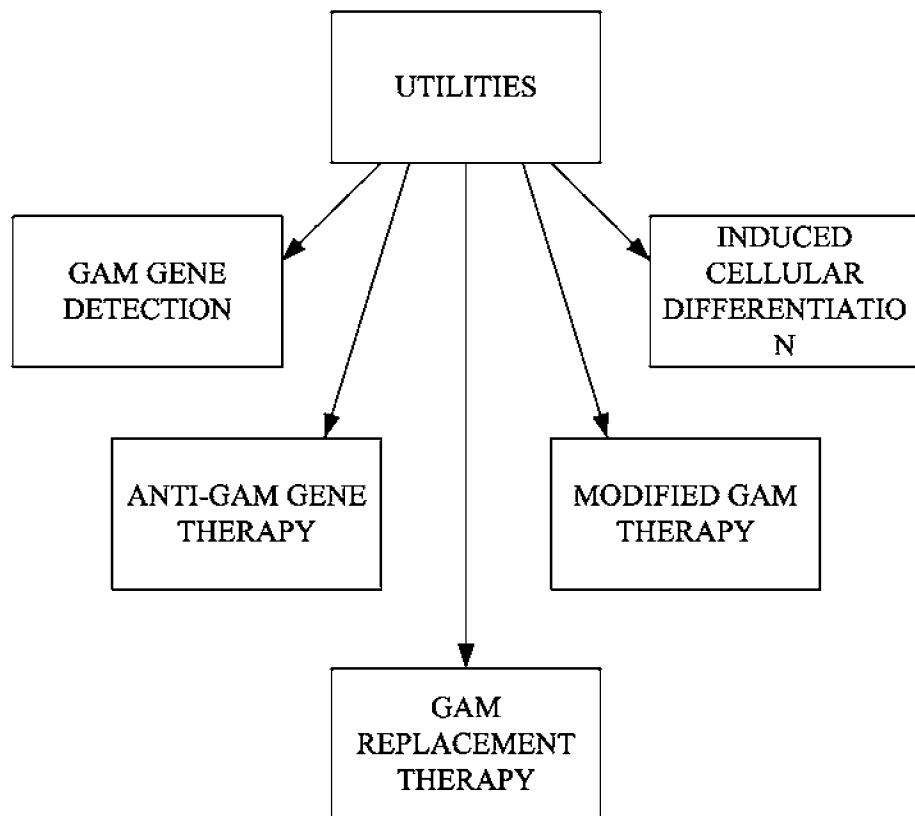


FIG. 20A

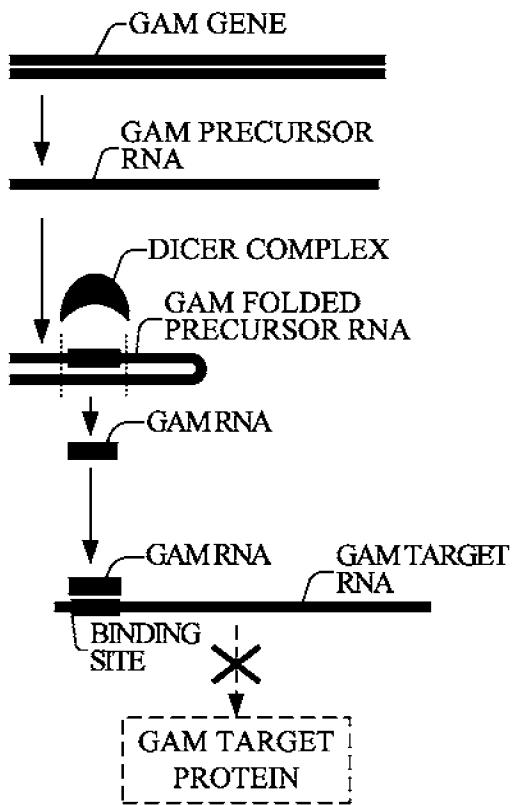
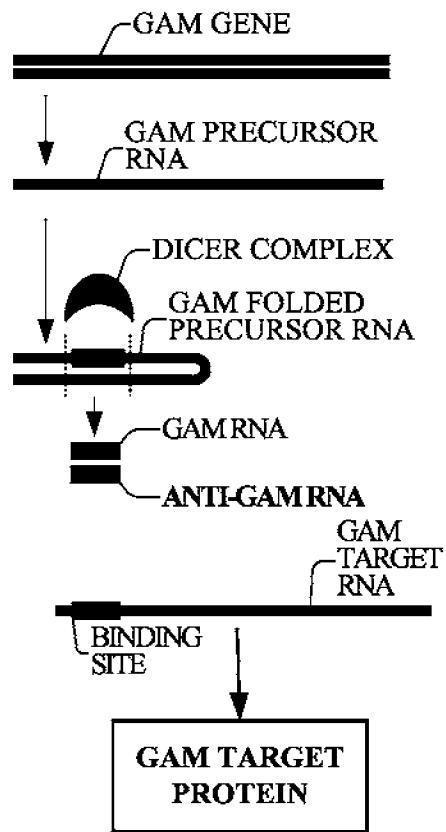


FIG. 20B



EST72223 sequence:

FIG. 21A

CCCTTATTAGAGGATTCTGCTCATGCCAGGG**TGAGGTAGTAAGTTGTATTG**
TTGTGGGGTAGGGATATTAGGCCCAATTAGAAGATAACTATACA MIR98
TACTACTTCCCTGGTGTGGCATATTCACACTTAGCTTAGCAGTGTGCC
TCATCAGACAAAGTTAGATGTTCTGGATAATTGGACTGGAAGAAAAGA
GACATGGAAGGGGACAGATGGTGTAGGGTGAGGCAGATGTCAATTAAAGT
GACTTGCTTCAATTGGAGCATATAATTATTTACCTTGGGCATGAAC
CTTTGCTATTCTTCAACTGTGTAATGATTGCAATTAGTAATAGAACAGGA
ATGTGTGCAAGGGAATGAAAGCATACTTAAGAATTGGGCCAGGCGCGGT
GGTTCATGCCTGTAATCCCAGCATTTGGGAGGGCGAGGGGGTGGATCAC
CTGAGGTCAAGGAGTCAGGAGACAAACCTGGCCAACACGGCGAAACCCCGCCTC
TACTCAAATACAAAATTAGCCAGGCTGGTGCACACTGCCTGTGGTCCCAGC
TACTCAGGAGGCT**GAGGAGGAATTGCTGAACCCAGGAAGTGGAG**
GCTTCAGTGAGCTGAGAACACGCCACTGCAC**TCAGTCCTGGCAAC**
AGAGCAAGACTCTGTCTCAGGAAAAAAAAG 5

FIG. 21B

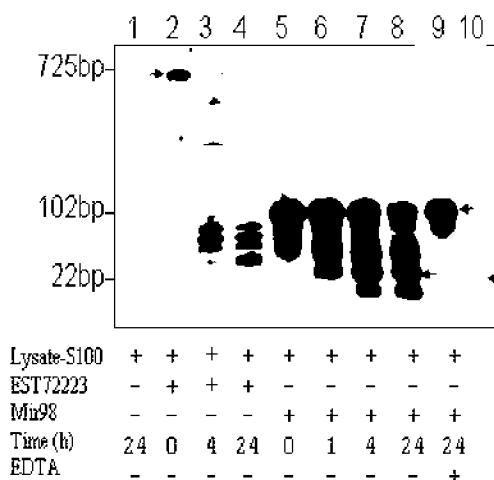


FIG. 21C

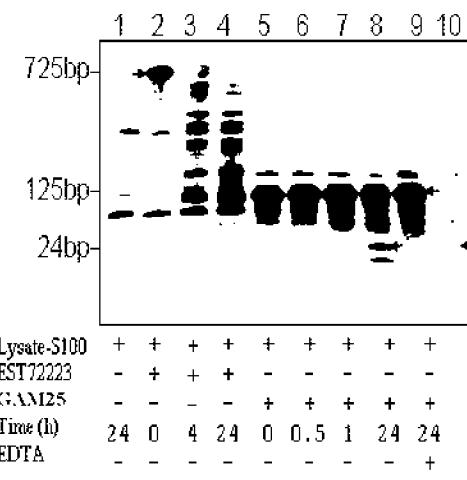


FIG. 21D

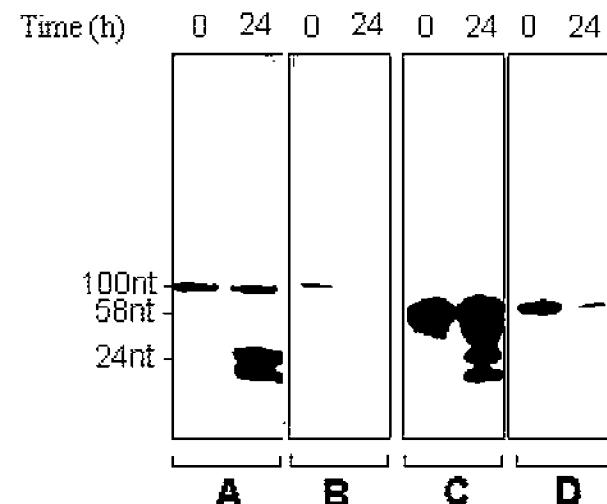


FIG. 22A

dbEST Id. 7929020 (Image4514344) sequence:

GCAAAAAGTGGAAAGCATCCCTTGAAAAGTGGCACAAAGACAGGGATGCCCTCTCAC
 CGCTCCTATTCAACATAGTGTGGAAGTTCTGGCCAGGGCAATTAGGCAGGAGAAGGAA
 ATAAAGGGTATTCAATTAGGAAAAGAGCAAGTCAAATTGTTCTGTTGCAGATGACAT
 GATTGTATATCTAGAAAACCCATTGTCTAGCCCCAAATCTCCTTAAGCTGATAAGCA
 ACTTCAGCAAAGTCTCAGGATACAAAATAATGTACAAAATACAAGCATTCTACAC
 ACCAACAAACAGAAAAACAGAGCCAAATCATGAGTGAACCTCCATTACAATTGCTCAA
 AGAGAATAAAATACCTAGGAATCCAACCTACAAGGGATGTGAAGGACCTTCAAGGAG
 AACTACAAACCAGCTCAAGGAATAAAAGAGGATACAAACAAATGGAAGAACATTCC
 ATGCTCATGGGTAGGAAGAATCAATATTGTGAAATGGCCATACTGCCAAGGTAATT
 ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTTCTCACAGAATTGGAAAAA
 ACTACTTAAAGTTCATATGGAACCAAAAAGAGCCCGCATGCCAAGTCAATCCTAAG
CCAAAAGAACAAAGCTGGAGGCATCACACTACCTGACTTCAAAC **GAM** 24
TTT
 CAGTAACAAAACAGCATGGTACTGGTACCAAAACAGAGATATAGATCAATGGAACAGA
 ACAGAGCCCTCAGAAATAACGCCAATACCTACAACATCTGATCTTGACAAACCTGA
 GAAAAACAAGCAATGGGAAAGGATTCCCTATTTAATAAAATGGTGTGGAAAAGTGC
 TAGCCATATGTAGAAAGCTGAAACTGGATCCCTCCTTACACCTTATACAAAATCAAT
 TCAAGATGGATTAAAGATTAAACGTTAGACCTAAAACCATAAAACCTAGAAGAAAA
 CCTAGGCATTACCATTCAGGACATAGGCATGGCAAGGGACTTCATGTCCAAAACACCAA
 AAGCAATGGCAACAAAAGACAAAATTGACAAATGGGATCTAATTAAACTAAAGAGCTTC
 TGCACAGCAAAAGAAACTACCATCAGAGTGAACAGGCACACTACAAATGGGAGAAAAT **GAM** 26
TTTCGCAACCTACTCATCTGA CAAAGGGCTAATATCCAGAATCTACAATGAACCTCAAAC
 AAATTACAAAAAA

FIG. 22B

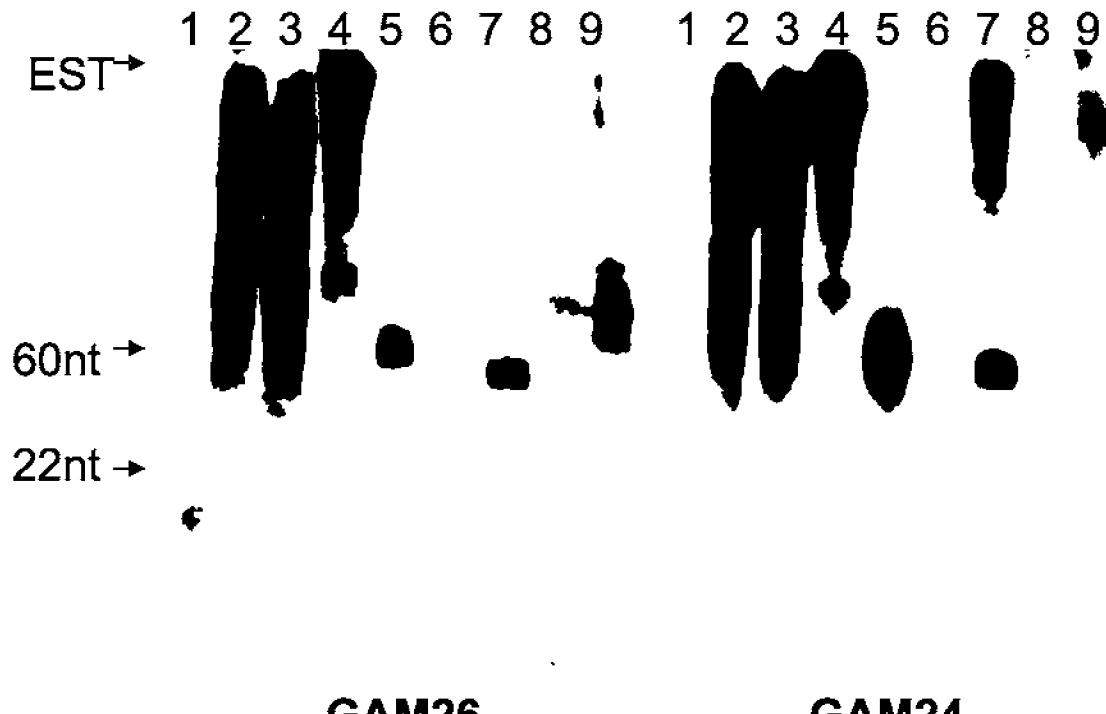
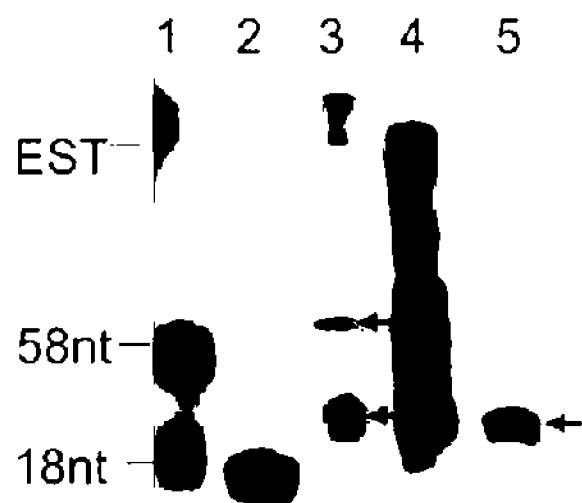


FIG. 22C



GAM26

FIG. 23A

dbEST Id. 1388749 (Image1020185) Sequence:

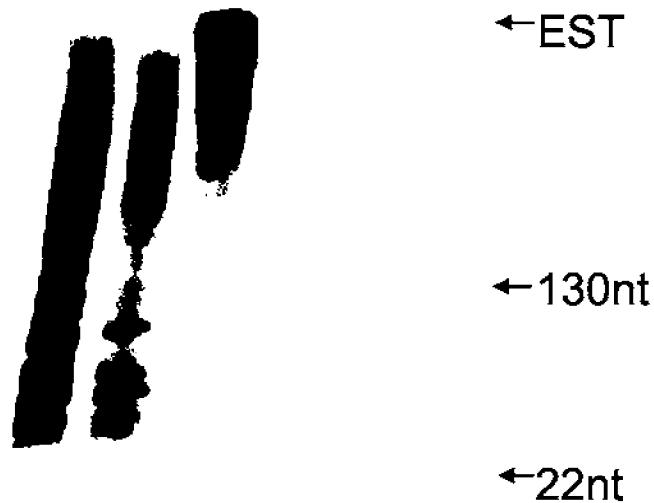
ACTCCTATCAACAGTGTAAAAGCATTCTGTTCTCCATAATCTGCCAGCATCTTT
 CATTTTTTGAATTATAGCATTCTGACTGTTGTGAGATGGTGTCTCATTGTGGTTT
 GATTTGCATTCTCAGATGATCAGTGTGAAGTTTTGTTGTGGCTGCATG
 TATGCCTCTTGAAAAGTGTCTGTTGTGCTTGCACCTTCTAATGGGTTG
 AGTTTTTTCTGTAAATTGTTAAGTCCTGTAGATGCTGGATATTAGACCTT
 TGTCAGATGGATAGAGTGCAGAAATTCTCCCATTCTGTAGGTTGTCGGTTACTCT
 GTTGTAGGTTCTTAATGCTGTGCAGAAGCTCTTAGTTAATTAGATCCCATTGTC
 AATTGGCTTGTGCAATTGCTTTGGCATCTCGTCATGAAATCTTGCCCTG
 CCTGTGTCCTGAATGGCATTGCCTAGGTTCTCCAGGATTTTATAGTTGGTT
 GTAGATTAAGTCTTAATCCATCTGAGTTAACTTTGTATATGGGTAAGGAAGGG
 GCCCGTTCAATTGCTGCAAATGGCTAGCCAGTCTCCAGCACCATTTAAATA
 GGGAAATCTTCCCCATTGCTCCTTGTGAGGTTGTCAAAGATCACATGGTTGTA
 GGTGTGTTCTTATTTCTGGGTTCTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC
 TGTACCAACCACATGCTGTTGGTACCATAGTCTGTAGAATGTTGAAGCTGGGT
 AGCATGATGCCTCTAGCTTGCTCTGCTAAGAAATGTCCTGGCTATTGGGCTC
 TTTTTGGTCCATATGAATTAAAATAGCTTTCTAGGTCTGTAAGAATGTGAA
 TAGTAGTTAATGGCCTAGCATTAATTACAGATTGCCTGGCAGTGTGGTCATT
 TTCACGATATTGATCCTCCTGCTGTGAGCATATGTTTTCATTGTTGTGTCAT
 CTCTGATTCTTGAAATAATGGTTATAGTTATCCTGAAAAGGTCTCACTTTCT
 TGTTAGCTGTATTCTAGATATTAACTCTTGTGGCAATTGTGAATGGGAGTTAA
 TTCATGAGTTCTCTCGGCTTGCCTGTTGGTGTAGGAATGCTAGTGACTTT
 GCACATTGATTGTATCCTGAGACTTGTGAAGTTGCTTATCAGCTAAGAAGTTT
 TGAGCTGAGATGATGGAGTTCTAGATATAGGATCATATCTGAAACAAAGATA
 GTTGACTCCTGCTTCTATTGAATAGCTTTCTTCTTGTGGCTGATTGC
 CTTGGTGAGAATTCTAATACTGTGTTGAATAGGAGTGGTGAAGCTGTCGCAA

GAM

27

FIG. 23B

1 2 3 4 5 6 7



GAM27